SECRET/NOFORN

PROJECT SUN STREAK

WARNING NOTICE: INTELLIGENCE SOURCES AND METHODS INVOLVED

PROJECT NUMBER: S4 TRNG () SESSION NUMBER: 1

DATE OF SESSION: 881025

DATE OF REPORT: 881028

START: 1030

END: 1200

METHODOLOGY: CRV

VIEWER IDENTIFIER: 032

- 1. (S/NF/SK) MISSION: Access and describe in a stage one sense training target # 0222, Viking Lander, Mars.
- 2. (S/NF/SK) VIEWER TASKING: Encrypted coordinates 022204/881025
- 3. (S/NF/SK) COMMENTS: Stages 1-3 were executed perfectly. The first part of stage 4 and all the S-2s, and Dimensionals in stage 4 were perfect. In the T and I columns, 032 went into AOL drive. As in the previous sessions, I did not tell him he was in drive, but rather tried to move him to a new location, in hopes that the move would jar him out of it. He has learned something from these two AOL sessions, but because he is still experiencing trouble in identifying AOL from true data, in the next few sessions if he does not declare an ADL as such I will point it out to him thus providing immediate feedback.

4. EVALUATION: 3

HANDLE VIA SKEET CHANNELS ONLY SPECIAL ACCESS REQUIRED

SECRET/NOFORN

CLASSIFIED BY: DIA (DT) DECLASSIFY ON: DADR

"We have touchdown!"

TO ENTER ORBIT, Viking 1 fires its braking engine (1). Landing-site safety check complete, the orbiter releases the lander, cocooned in a saucerlike, protective aeroshell (2). Since it takes as long as 22 minutes for a radio signal to reach Mars from earth, a computer in the lander masterminds the landing sequence.

First, it ignites the de-orbit engines that nudge

the aeroshell out of orbit and into a landing trajectory (3). As the aeroshell plunges into the Martian atmosphere, frictional temperatures up to 1,500° Celsius (2,730° F.) sear the ablative shield (4). When the aeroshell has slowed to less than 600 miles an hour, the computer deploys a parachute for further braking and jettisons the protective shield (5). Later, the parachute is released.

Terminal-descent engines (6) slow the lander to five mph and triumphant touchdown (7).

BIE - yes CONGESTION.

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88W26)

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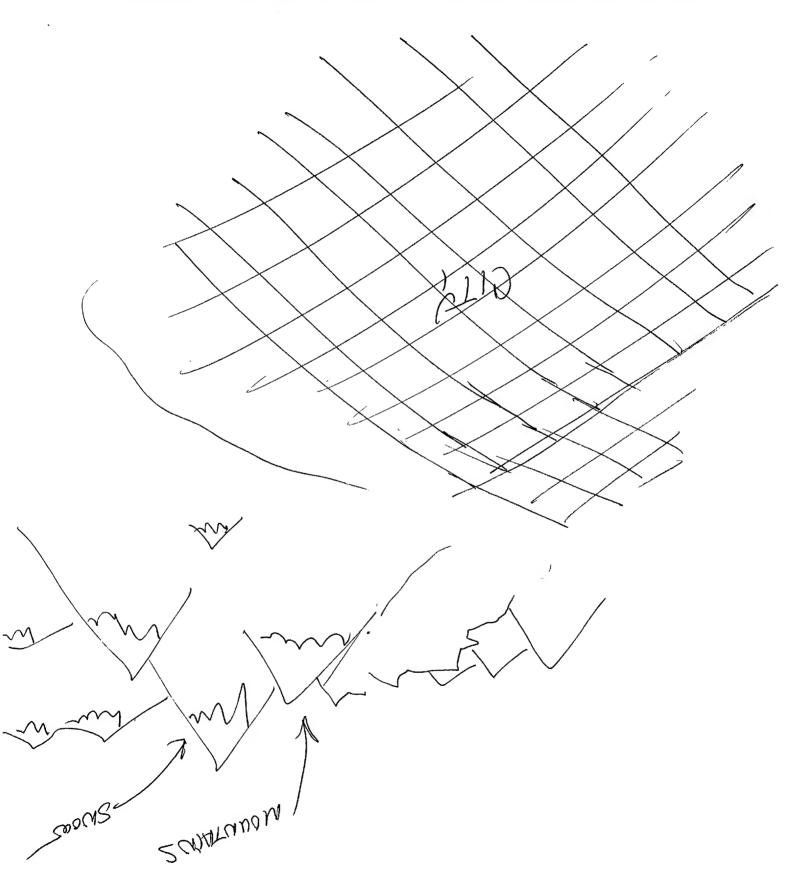
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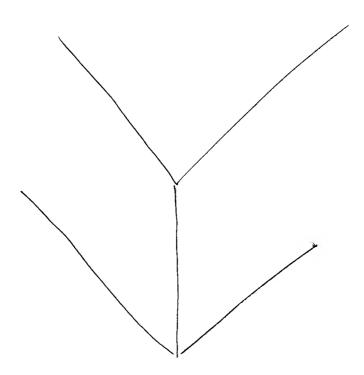
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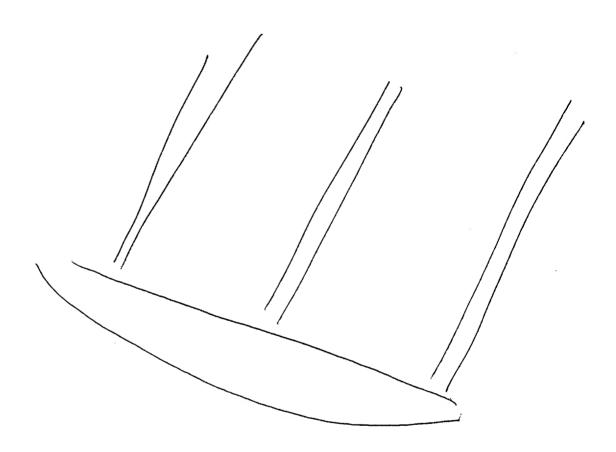
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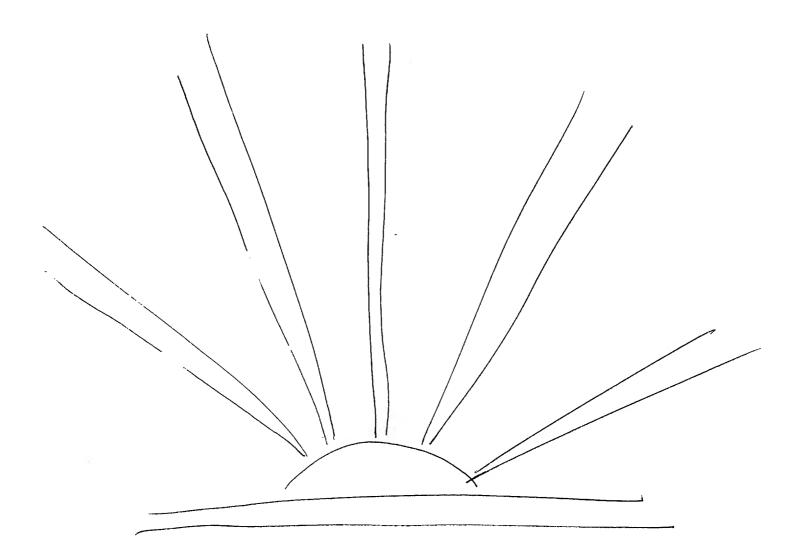
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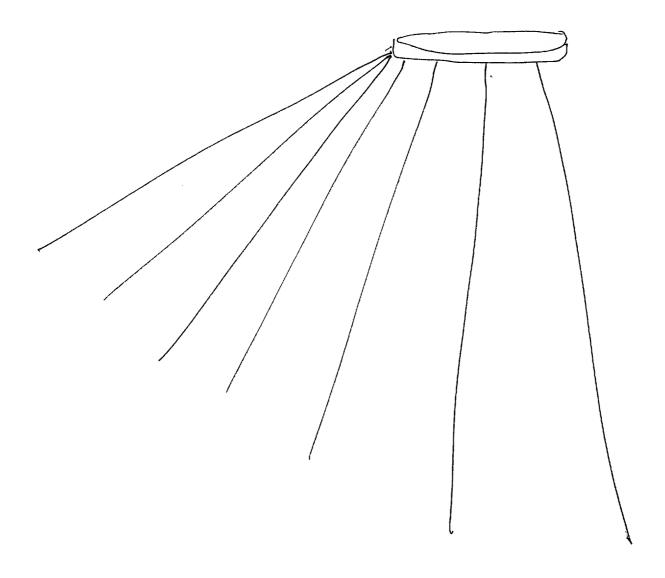
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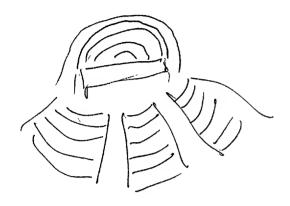
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